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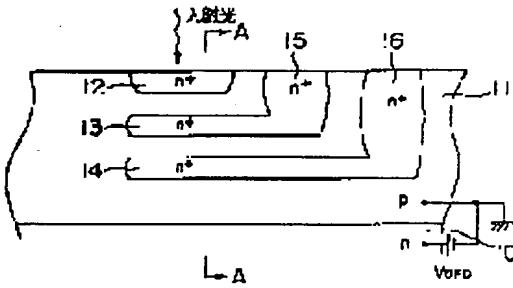
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(21)Application number : 05-217667 (71)Applicant : TOSHIBA CORP
 (22)Date of filing : 01.09.1993 (72)Inventor : SEKINE KOICHI

(54) SOLID-STATE IMAGE SENSING DEVICE

(57)Abstract:

PURPOSE: To provide a solid-state image sensing device enhanced in resolution and sensitivity.
 CONSTITUTION: A solid-state image sensing device is equipped with photosensitive regions 12, 13, and 14 where signal charge photoelectrically converted on the surface of a P-type semiconductor substrate is stored and a charge transfer register which reads out signal charge stored in the photosensitive regions 12, 13, and 14, wherein the regions 12, 13, and 14 are provided to a semiconductor substrate 10 at different depths from its surface as electrically isolated from each other, and signal charges generated and stored in the photosensitive regions 12, 13, and 14 are separately read out through the charge transfer register.



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